Ker Manh 15 GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M. D., President. Organized June, 1873. San Diego, Cal. McL 6 1875-Dr. Gro. Engleman St Genis Drav Lin Our donifmued by very glad tomake your acquaintaine and to send you the suds a plant of our nation Cach; prems tagans, you may disive -Olivare lit us know if we can be of severe toyum. as we have good collectors, and shall be happy to constand the change mit pin-In my Nefertful Tho. A. Miliherch Cor. See. Lycum Sal etcures.

0 1 2 3 4 5 6 7 8 9 10 MISSOURI BOTANICAL GARDEN

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GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GHEGG, M. D., President. Organized June, 1873. San Diego, Cal. Jan 7 1875-Dr. Gro. Englemann -My Down Sin -June knid favor nitt fru Report on Caltaceae, is nied for which may thanks two mails ago I formated to you ad dons several specimes of Caeli, the O. Serpentina, Italiere, It is non mostly and of klosson tout very large to fuck, even with much hunting one of the blossome he the time ky in who Isant-Then was me blosson some kind. I fear They may moved topvil kefore naching for. Think denied have sent then bitter of placing them in newspapers with a good deal of blotting paper to absorb the moisturk, I mile appermient in other max or follow J. C. Parker an active member of our Lyceme



is taking much intenst in your naguests
that photographed for you The enclosed or accompany photographs of cuti - Hee mell millingly take for you in this may og for many designate- Speaking for hugself. I wish he might be mide a conspilling member of Jun St. Imis Society- He oak blossom how all blowed thousen any - Thugh I believe one of our membres in the interior has a few collected, if Ro, Smill sense them to for - The prime come Isent you must have been last your -The comes of the other prime at Toledad, to Ih ge refused an now unpe tur mile get some for pre - Loon some one of us will go to the monment to get the again go growing near the desert. These came below the line. also favit a seed-port of a cachin gather. ed at same place retrinocactus explindraceus I balien. Richall



GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M. D., President. Organized June, 1873. San Diego, Cal. [17] 1875-Dran Dockon ricd - as to the again for the desert It was procured on the road from this place to Feel- The Junear just by base of Mults at the desest, not for fin the Boundary Line -The streks an for 12 to 15-for high - Howers fellow, & Plant is general used of the Ludians for their muscul (whiskey) Lange plants have a dramelin of 1/2 feet Leaves 12 to 15 wehrs in length -My informal believes the locatif to be about that for describe in jour letter. Inclose one or two other casti toy today, as my friend has pot now no twild for the disent again - any thing I or our Sycamo can do the zer m shall be most happy to perform. The specimens I seed for an not how.

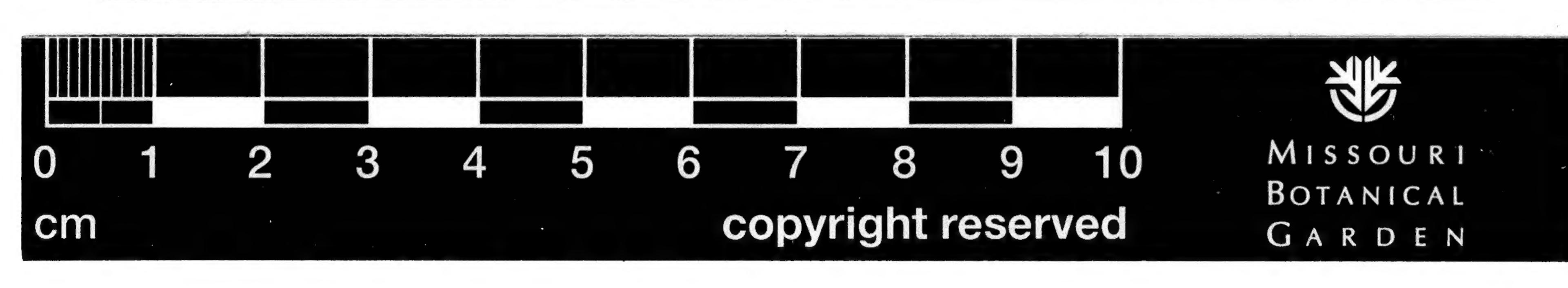


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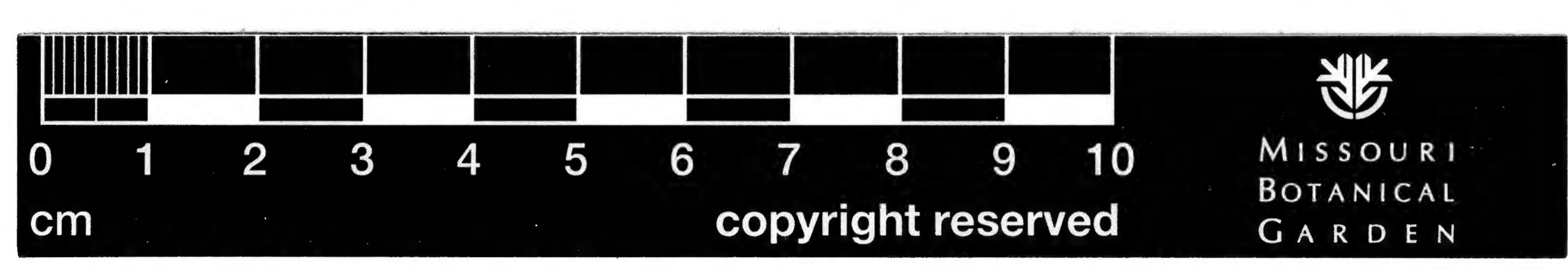
as large of fine as I desire - and Ithink it med pay to have some of the friesh plants of all kinds that if may like sent for for efforson these plants are being collected for a house in S.F. that saids them to Enrope. Than purchased or had grown me Those little one Thave set for the monment & again tall there abovehen we can readily get without cost but It is not right. That Europe shot get the mul fine specimens type out small ones-Ther are new kinds enough, if one can be fand for making a forage on Them-The prew kind Isand yn to day, Parker has just Thotographed. Www gathbrid in the vacinity of Indian wills- The round one is same as Nos 8 +9 of the photos- I also enclose that that so closely resembles Ni 11 - Piction Ispec men almady sent you, that I can the say for certain shither it is same or not - These win all pround almo yma road - Parties got seveled out Artured her they had not been mon than "2 may to yuma - Will get you the wood fibre et herafter -ls. V. Kitchcock



Rev Any 18 an Ay 23 San Diego any 9, 1875 Dear Dr - Jones of 29 ull; rich - the homed toad mosput who alive tal we often send them there to Europe Ithe oft it might reach you all night. I this day again send you Photograph Nº 1.2.3.4.6.7.8.9 + 10 and one of the pale seed - Mordetion to the San Gorgonio come Dr Palmer mill grow you full un formation, as also in relation to the agains et. etc. Some Ime spiennes mill be sent of Dr. P. to washight per 8tr, One of each of who he will have forwarded to your Hee his tus blosens of a. Deserte. Please moi send no The names for all the numberswill speak to Parker about other of June by Mitcherok frictions on his return.







Reci Oth 4th, An Orl 18

Dr Gro Engelmen-

Dran Sin i

The letters Jyms I kelrin Than negleded to ans-Your Desert agave Shawii wer. blossons about March _ So camb ah priset get the blosson or photo then to ye on 17th wish Porker, Dr Palmer turgelf want to the monument. Palmer nor engaged on his collections for Centermial etc. He has collected agair. Yuccas ih. fruit, leaves- live odned plants - + samples of all materials made & natures for the fibre - a S.F. house has ben making large collections of again coeti. Mucia etc. etc. Mu name hus now es isped me. Der Palmer niquet ed me to say that their catalogue ? plants med be sent to you, so that in the spring you could order of live

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MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS Ithink my localizati i the a. Desir tu mas too nestricled - Dr Palmer wick enberg theps it may extend even to bricken. ad its confines A + 5 iva do not Seno-Til Junes. Sept. 24. 12. fruit of Cereus at Morruent 1 14 Pricks hear (fruit NR. 3.) 11 15 Mirca Bacata 8ft 11 16 green Bacata fruit 17 a Shawii zg stalk 7 ft-18. a. Shavir plant, yg. frh, MISSOURI

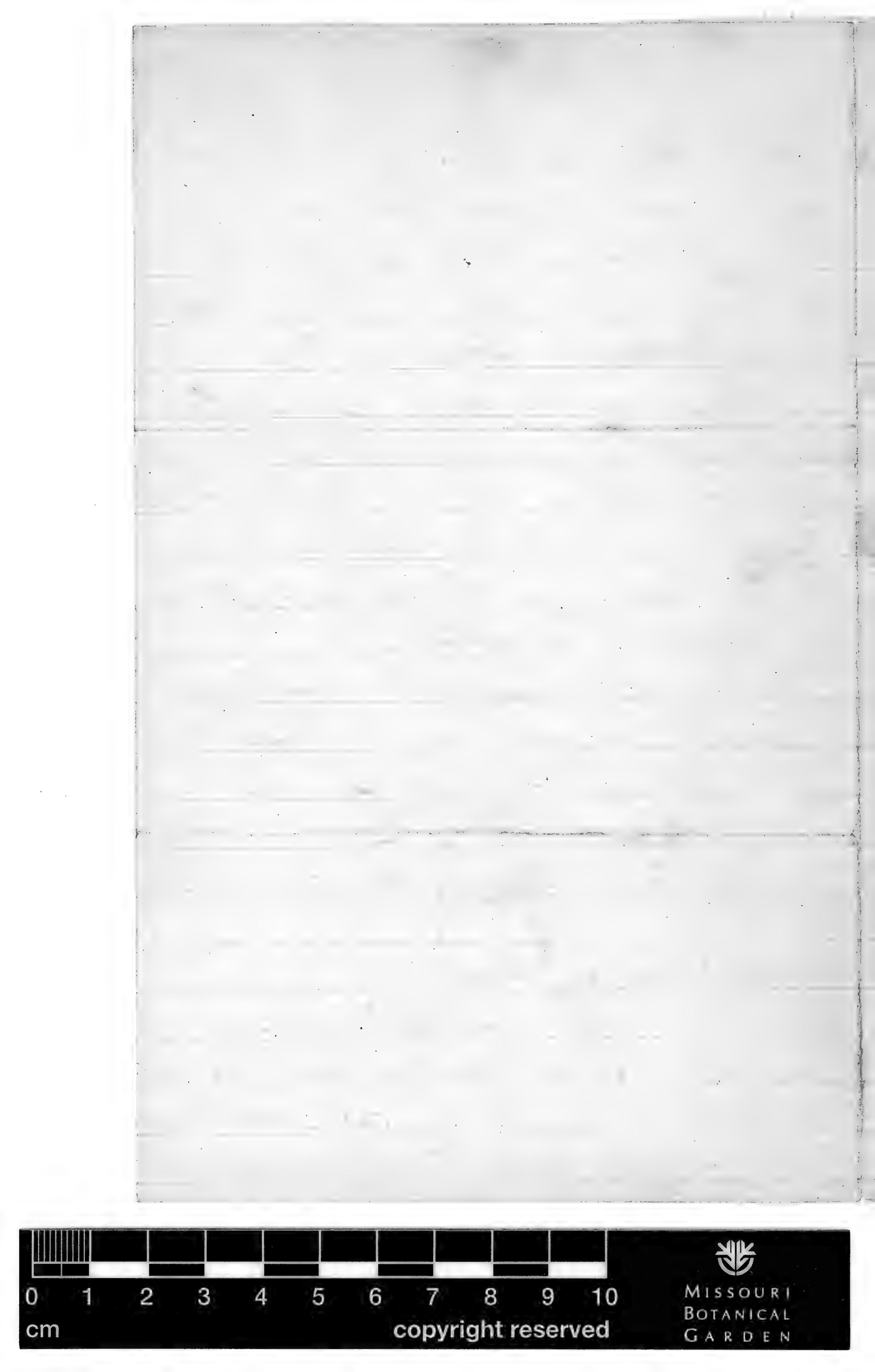
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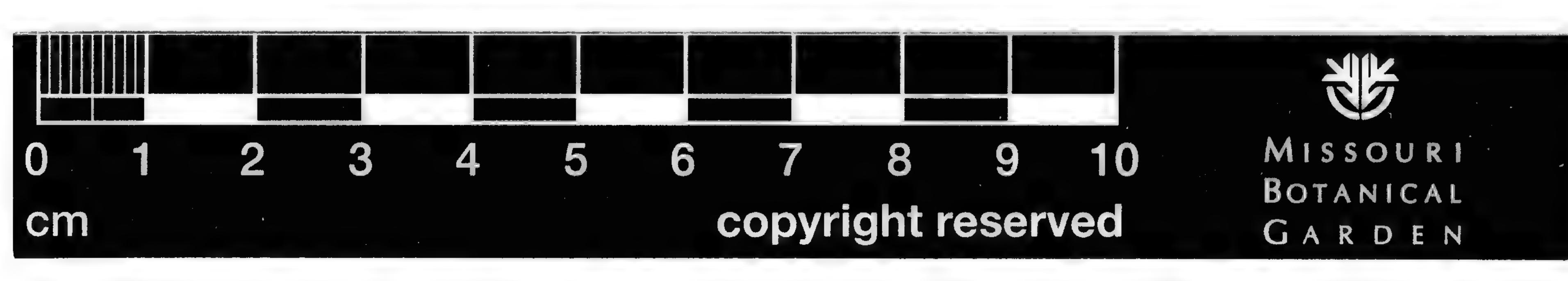
plants what y want - I desired to kof up for yn some of the friest speemens that Parker II and get - But Dr Palmer says it is now too risky to send them of R.R. Ju had not reguested me to said you anything by suppress - so I hesitated til- is now too lete - Hon Lessas R.R. was though I shed take mele pleas un i sendis yn the finish of plants is blossomy condition -Polker tolk views of the monment-Cerus, agan - + also men tour of pricky pear + yneea -. Thick Touchose sud of the cermsas todhe a. Shaviri a gardner her for Scotland says they have had it them for about 20 yrs, that it was honglish for cal - Liti hus ben named Agara Callapensis -

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San Diego Cet. 7. 75-Drov Dr. Enclosed or accompany Jaca Bocata, + y. Whipplie large ones are ". When green there is much fully the nations eat them - The stark for Shich ! hicked The y. whithlin was 8 ft high - a little longer than usual - the cacti fruit is of the common - choller - the wood morked "C" in lock pleg nor film of the cerus exet et monment. The of Whipflin' Igor yealed 35 miles interior in note.









MISSOURI BOTANICAL GARDEN Ale Nov 22 Au Du 3'

Drugelman Druk:

18th is ned - Parker is going to per-para a catalogue of his plant photos -going, size - hie Shew taken, when fond et ete- Hee says total in a neck or two he will have mon of those shock of that you ordent - His regular price is -#3. per dozen (in com) again of had fal- them been photo Then sent to In-C. Trunyi always seens to make little thickes or the mornment- What is the al place Than ever seem it-3 to 8'4 ft high. Junes thipplin' copsiles stand who dry tench and fendalt-

Than not been able to in. chade in this letter free details as his Parker is away for a short time - Three photos of new plants dalso send you -The Caste grown about fulian same 55 miles Ely fur herr thas a fine blossom.
The plelms come for Laner Smish for could send our Lycen the complete Boundary Report -Please have Mv J.C. Parker made a men-ber of It Ionis academy. Holines -hu hoste helyns (m/1/1)

Jay European houses that well purchase seeds Jair prines, caeti yuccas etc? desire to furnish sends tilants to House in En-



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GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M D., President. Organized June, 1873. San Diego, Cal. Dec 20th 1875 Dr. Gro Engelman St. Fornis form favor of Der 3th is ried - at or soon after sending the kinds of flowers of a. Shawir - (Talso sent at that time in separ-Lalso formuled go photos of the whole head of blossmes, 20 one separate christer Shich Thope on han vied - Beardes one or two other photographs of catti the I said of this day a photos just laken near this cij- of o. prolipena - ste high also enclose in This letter 4 such gathered by Mr. Parker La 100 fruit- of same bish our Lycen could get whatever Je have mitten on the cacti. agains-te-In hoste Respettfulf yours Cho. M. Hitchwork

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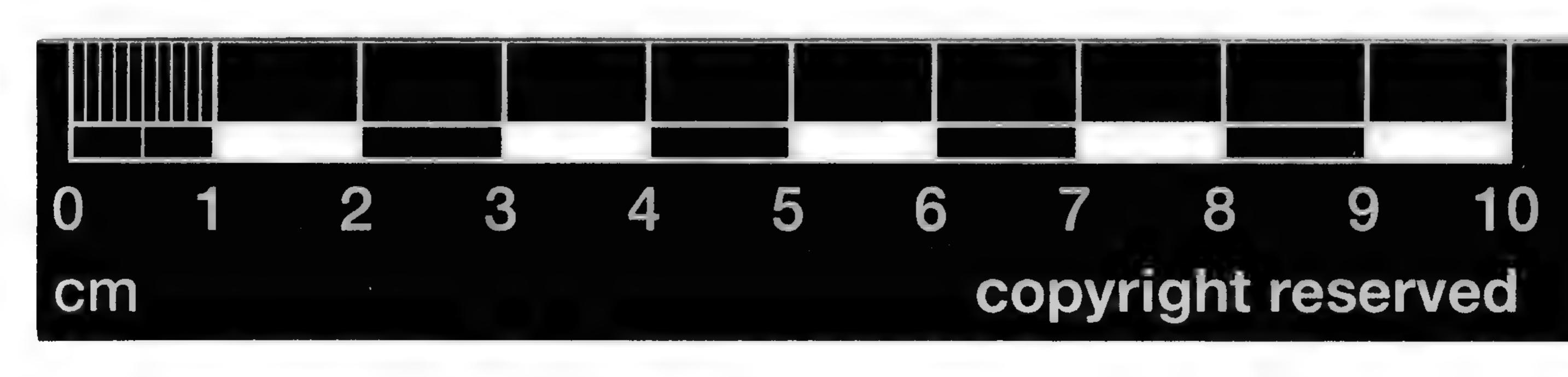
19. a. height 7 1/4! diam though knoch 5 inches taken Nov 16.75 GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M. D., President. Organized June, 1873. an may 12 San Diego, Cal. Man 20 1876 Do Engelman St Louis: Town favor of nænt date concerning order for some 3600 views of a. Shawii, is ried - The mails have been ingular Harker at ence took your proposition into consideration_ To this End he work justerday to the monn. ment Hook about "I dog of views, nearly time size of the steriosespic ones hents for serio. Jon- If the view taken sinks you he can mithme furnish ym all ym want as he has four views from some spot - He could not enlarge the small Most of The a. Shamin had blossomed though Their still remain some in the prime of their glory - As to find what he can get who for a 2th page picture

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he has not yet determent, I on accombag heavy rain spell now continuing he is not Jehable to forward for the proofs he has proposed or nother cannot now print-We qualf regret that y never ried the pietins of blossoms formanded per mail - Parker tryself concluded that at the time of your writing that you had not ned them, was perhaps too som for the passage per mail- Lo that hearing nothing more, we sufficed for had red then intil informed to the conhang in your last, all prictions that she hud, efcept haby have nich, he will forward for at the very first- practicable momentas soon as the wrother will permit he will formand yn what he can do with his figures on the same. He is so circumstanced that he can fill such a contract by the latter fant of TEbruing - Lange plants that would blossn hen nest season om ke sent pras ur gesterden organied such for you at the moment Our academy Mifricatio was was new-

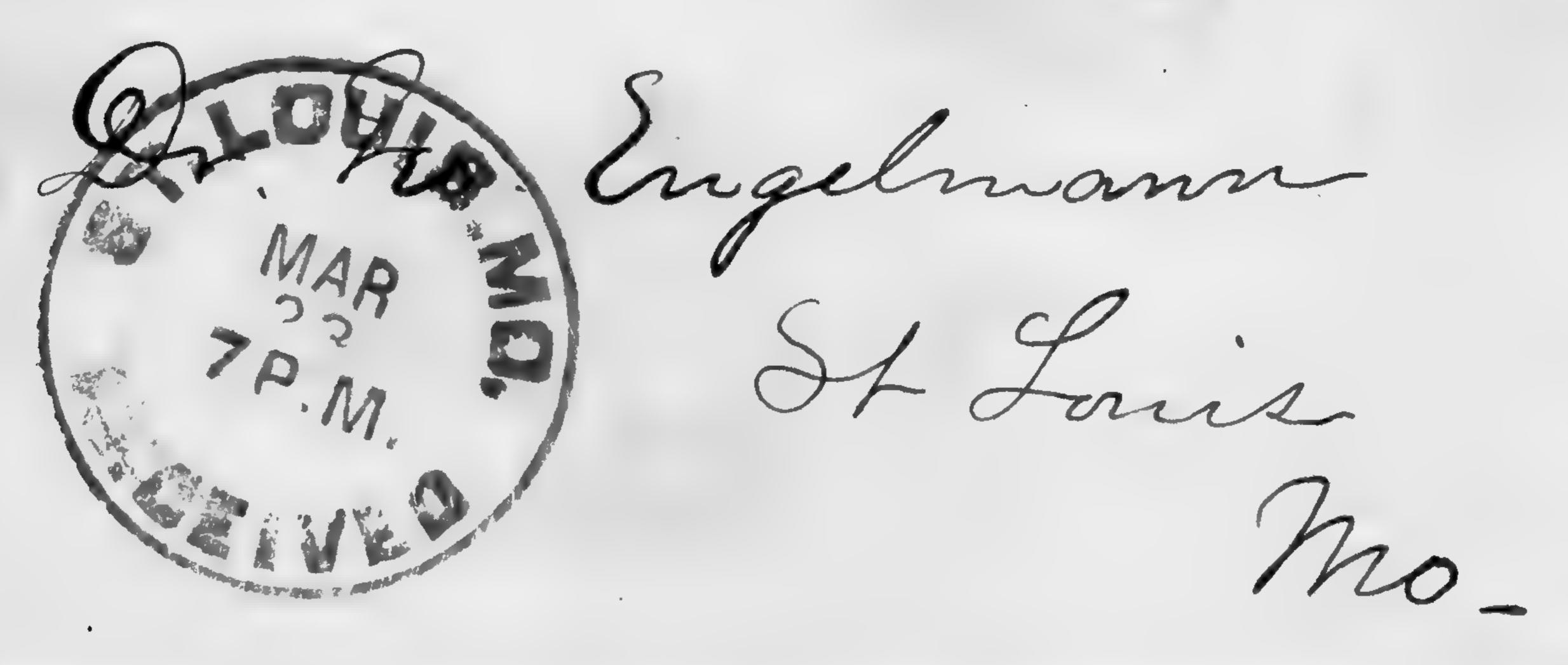


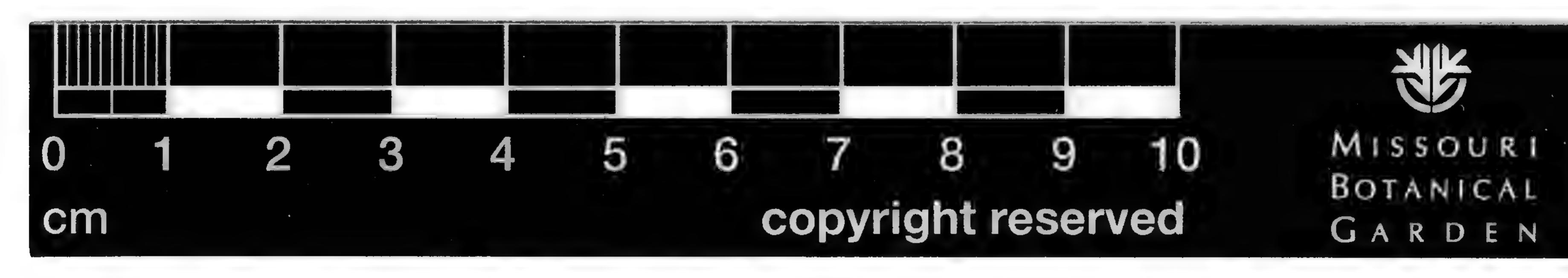
Res Mench 26 Res Fame 9 mg San Diego Meh 13.76 Dun Dr. Jour favor of Feb 27 ", concerning three a. Shawii that were probably klown next year il necessis to is true. Thave heretofore when formanding y Small plants per mail, stated that I med proper to send you The a. Shani about to blown, buy them up talls patet them a cannot afform the labor at my own expense. He plants can be obtained thiffeet - atthreeme- the brokede on the CP + n PRR has not been pirmament variated up for freight. I show the finder their med be a necessary up hence of alute desind this is not too up referred for you the specimens I will repell see toil that the matter is done the best possible Respectively you how. Whiteheach











Air April 20 2 26

Mffice of Heorge A. Hitchcook,

Attorney and Counsellor at Law,

SIXTH STREET.

San Diego, Cal., april 10 2 1876 Dr Grosge Engelmann Dear Siv; Last Trustlay Mr Parker smyself went to the monument (mercian) for the purpose of getting you Three large a. Shawii that much bloom nest spring - The Tra france River generals dry is only fordable on account of quicksands at a crossing above the usual soute - This res made all night, Though to well not have been safe one month ago in When skirting The monment odge our wagen was repail in a slough two expensed much trouble in righting it - arrived on the field and we picked out from all the plants Thru for Jun That med naturall blosson nest spring -They were difficult tohouse Iwa thinght about 100 1/20 a. I throw in



The agains got turibly pained in the wagon, though we used great care that the heads should not be materiall injured when they are about to blossom the leaves browne lancestate & quite different for the base leaves_ Friend a confunder tomake two kopes, we found a dry goods key that med do for one_ Fran the express agent lifetensamie the three kopes, He took their measurement Lestimated (quessed) their weight of figured the English pros charges on the three at about \$23,0. Then telegrafhed for lefpressage on 3. at about 100, Receiving four and to day, Int once selected one of your three, but in the Turks head, C. Emonyi, a few Echivernias. ta small Yneen Bacata, Humed It-our to the Express afent, It mus wrighed I found to be some 230 lbs!! The ky was so weak that both lunds That woned It the Ty hors office I though had 14 gan hour to get the but fached In the unif after I wid for telegram - I fear you will find the again very tornight banged up _ do that it's beauty teymetry will be very great driving hed a fet I do with think that 10 or 12 days of the roughest usage can nell provents it's blossowing



Affice of Heorge A. Hitchcook,

Attorney and Counsellor at Law,

SIXTH STREET.

San Diego, Cal., 187... Inf hope they may arrive in ford condition as it is a work of grat-trouble toget them - There are no oaks about here, Parker pois to the fells à the Sa Diego River to morrow tuell get for you some fish blossoms. If they are in good bloom, He will take pictures of the Jurea Whifflin . Hee did of the J. Breata when we wont to the mornent - If you want author one of Jun agaves Inte have her lasher get some of the best of. Whipplen to send with itwithout up pense saw for the fright I wow strapping sent some dozen days ago -The following of penses Thave meinred for your-The photos win AMu kort almudg mude -2 bofes Parker & Hitchwork, the ordin coverers

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Conver imperfect the work may have been done, it was not done for money, nor is the 6,00 consideral and an equivalent thoughter are satisfied if we have benefited tassisted for.

Rad for informed the P. some as to the agave pictures, he much have taken a photo showing the assending stock, the oping the blossom.

Respectful form

MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS



Gran in Am Ket. April 1878 GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M. D., President. Organized June, 1873. San Diego, Cal. March 18 1878 Dr. George Engleman Dear Sir: Thomas thanks for copy four contributions on the Um. Junipais, Oaks, Firs & Flowing again Shawii-In relation to the latter, touching your remark on the abundant sunting the flowers it owns to me to state, that which I suffront That kefon untten you - as to the great abundance of this liquis secrition -The Spanish & median population of Lour California an accustomed to collect this liga if from the plants, going in the morning before the sure has dispersed the dens, - kending over the bunches of fresh flowers ocatching The suntin in bowls- This they bail Sown using The for sumh htty manseons odor Nhich copyright reserved

GARDEN

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nor my own seem to enstain -To the the fince seems sweet, glutinus and asil. were, with a kind of kuttermet flavor of greasiness rather pleasant tagnisable, It is much more dacchanne than imborted maple safe -Kanny tries it on several occasions, - I commenced Therations on a large detached stalk that has been standing in Mr Parkers Jullery & their blossoning for several Tays - Their low observed my & penince Then, seemed to cornerde with your "slightly nansems" - the suntin had become som and Offension - Taking it hunor from from blossoms in The open air it is sirect tagnitule, and on account of this about ant, sweetened seerstion, kees, flies, kutles, hunning kirds etc are constantly about the flowers in large numbers the insuls in their turn attract the prosserve of our various species of fly catchers_making in all a live neighborhood - Jan know the capacity of the perigonial tubes of it seems to me that they are filled up two or three times in the live out four plant. at early morning they offer full but seem to be exhauster before noon. So jun can nadily judge as to the amount of liquid secreted twhere the blossoms are in large chusters a knocking of the stock GEORGE ENGELMANN PAPERS



GEORGE N. HITCHCOCK, Cor. Secretary. ROBERT J. GREGG, M. D., President. Organized June, 1873. San Diego, Cal. about the only use made of the plant-is for the manufacture of mescal liquor-The hear or heart is cut-out of the plant put before it sendoup the stock -It is then him or rousted to estated what they call the rosin, chopped up - fermented as Some of the liquor stores in town distilled ngularly kup this mescal for sale _ tit-has mm than are ken manufactured in our inimediate værmlig -Fras in conversation to day with a Spannar from Sinalow Mexico - He describer in full tome their manner of manufacting liquor from show he called the Am. alor or magnay-Isuppose he meant the a americana - However for must know as to that - He informs me that the plants in the high mountain districts are the best and he says that they are planted by the millions cultivated for lignor manufaction -

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She further stated then there was no seershin a liquid in the flowers that was collected or used.

Some of the large blossowing plants of the D. Showing seem to be almost without root. I show I turned or first them over wrighing 150 or 200 lks when the plant has keer the smallest apology for nort fibers.

fram hunting up information on the subject?

If sates & fralms - Who is authority on this subject?

Thill for please to kind enough to said us a copy of the last transactions of four academy of Sciences - anyone of your 3 volumes mild be very receptable to our Lycense.

Som Bry Respectfully Juns Jes. N. Hartcherck

MISSOURI BOTANICAL GARRENT GEORGE ENGELMANN PAP....

